



Established 1881

Volume 134, Number 61

WEATHER, p. 2

WED: 26°F | -1°F

Windy and cold

THU: 19°F | 17°F

Windy and cold

FRI: 30°F | 18°F

Chance snow

Wednesday, January 7, 2015

Early action admit rate sees uptick in 2019 class

Most applicants get a 'maybe' in first round of admissions season

By William A. Rodríguez Jiménez

On Dec. 13, 2014 at 3:16 p.m., or 12/13/14 15:16, the Office of Admissions released the application decisions of the students who applied under early action for the Class of 2019. Of the 6,519 who applied, 625 were admitted, 4,456 were deferred, and 1,327 were rejected, making for a 9.6 percent early action admission rate. That rate is one of the lowest in recent years, though it's slightly higher than last year's.

The admitted students hail from 49 states, the District of Columbia, and Puerto Rico. According to the Office of Admissions, 49 percent are women, 29 percent identify as underrepresented minority students, and 16 percent would be the first from their families to attend college, a 3 percent increase from last year's early action round.

Peer institutions also saw competitive early admission rounds. Stanford and Harvard experienced decreases in their single-choice admission rates with 10.1 percent and 16.5 percent, respectively. Early acceptance rates at Yale, with 16 percent, and Princeton, 19.9 percent, were slightly higher from last year's. Both schools also had reduced applicant pools."

Unlike many of these institutions, MIT's early admission program does not penalize

Admissions, Page 3

IN SHORT

The last day to petition for a January Advanced Standing Exam is Jan. 9.

The MIT Public Service Center is hosting City-



Fireworks burst over Boston Harbor during New Year's celebrations at midnight last Thursday.

IAP GYM CLASSES

The Tim's take on the funnest classes to take over January. **FUN**, p. 7



ADT REBIRTH SHOWCASE

Beautiful costumes, dramatic hair flips, and gorgeous colors.

NUZ, p. 5



THE HOBBIT REVIEW

Peter Jackson's Middle-earth leaves a sour taste.

ARTS, p. 4

BEST SHOW IN TOWN

Amazon original series, *Transparent*, is well done.

ARTS, p. 4

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Tsarnaev faces potential jurors



DREW BENT—THE TECH

Media assembled outside the John J. Moakley United States Courthouse on Monday morning, the first day of jury selection for the United States v. Dzhokhar Tsarnaev trial.

REPORTER'S NOTEBOOK

An unexpected first foray into today's courtroom journalism

By Kath Xu
NEWS EDITOR

There are few things worth waking up early for each morning, but a so-called trial of the century is certainly one. On the first day of IAP, the trial of the Boston Marathon bombing suspect Dzhokhar Tsarnaev began.

I was a freshman when the Boston Marathon bombing occurred two years ago, and I remember the shock when we heard first about the explosion, then the loss of Officer Sean Collier. Those events were in chilling con-

trast to that year's Campus Preview Weekend — which had just taken place — with MIT's newly-admitted students bubbling over with excitement and reminding us why we chose MIT.

In November, *The Tech's* news department received an email from Ginny Hurley, the Outreach/Training Coordinator for the US District Court for the District of Mas-

Notebook, Page 3

Boston Marathon bombing suspect appears in court for jury selection

By Drew Bent and Ray Wang
STAFF REPORTERS

The much-anticipated trial of the alleged Boston Marathon bomber Dzhokhar Tsarnaev began in federal court Monday, with about 400 of over 1,200 potential jurors showing up to complete a preliminary questionnaire. They got a first sight of Tsarnaev and his attorneys, along with the federal prosecution team, who are preparing for a trial that is expected to take months and could end in the death penalty.

Opening statements are projected to be delivered on Jan. 26, and the trial will likely continue for three to four months. A sentencing phase of the trial will follow if Tsarnaev is convicted.

The trial, which has captured national attention, carries particular significance for the MIT community, which lost police officer Sean Collier in a shooting allegedly carried out by Tsarnaev and his brother, Tamerlan

Tsarnaev. A memorial is now being built in Collier's honor near the Stata Center and the David H. Koch Institute for Cancer, and is expected to be completed this April.

Dzhokhar Tsarnaev is indicted on 30 counts in the Boston Marathon bombing on April 15, 2013, and the subsequent shootings that, in total, left four people dead and over 250 injured. Tamerlan was also killed during the shootout with the police.

The Jan. 5 opening of the trial comes after weeks of back-and-forth between the defense team and Judge George O'Toole over requests by the defense to postpone and move the location of the trial.

Tsarnaev's attorneys repeatedly filed motions to push back the start of the trial so that they would have time to pore over all of the evidence being provided by federal prosecutors. They also requested to relocate the trial away from Boston, citing fears that sensational media and "great local prejudice will prevent a fair trial by an impartial jury," according to the motion.

Tsarnaev, Page 8

Muddy Charles closed for renovations

The Muddy Charles Pub, which is located in Walker Memorial, closed after Dec. 19 and will undergo renovations throughout IAP. The pub is expected to reopen in early February, according to estimates.

The pub, which has been on campus since 1968 and is updated approximately once every ten years, will receive new flooring, curtains, ceiling fans, large-screen televisions, and wall sconces. The pub will also see a new paint job which will draw the two rooms together with a common color theme, according to Stephen J. Messenger G, the chair of the Muddy Charles's Board of Governors, which oversees the pub's finances and determines its operating procedures.

Messenger said that the board chose to close the pub during IAP when it is least utilized, so that the fewest number of community members will be disrupted; while the pub is usually open during IAP, its hours are generally sporadic during winter break to

accommodate the lower levels of patronage.

He said that there are "a lot of people doing a lot of work to get [the renovations] to happen," including not only members of The Board, but also the pub manager, the MIT Department of Facilities, and the Department of Residential Life and Dining.

The pub, which is a "permanent activity" of the Graduate Student Council, is open to the MIT community and is frequented by graduate students as well as post-docs and professors, Messenger told *The Tech*. He stressed that the pub is really a multi-use space, and is periodically used by patrons for research group meetings, business meetings, and social events.

"There's a lot of fun and progress that happens in that environment," Messenger said. "It's not about the alcohol, but [about providing a] place for students to work, unwind, or take a breather."

—William Navarre

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WEATHER WEATHER WEATHER



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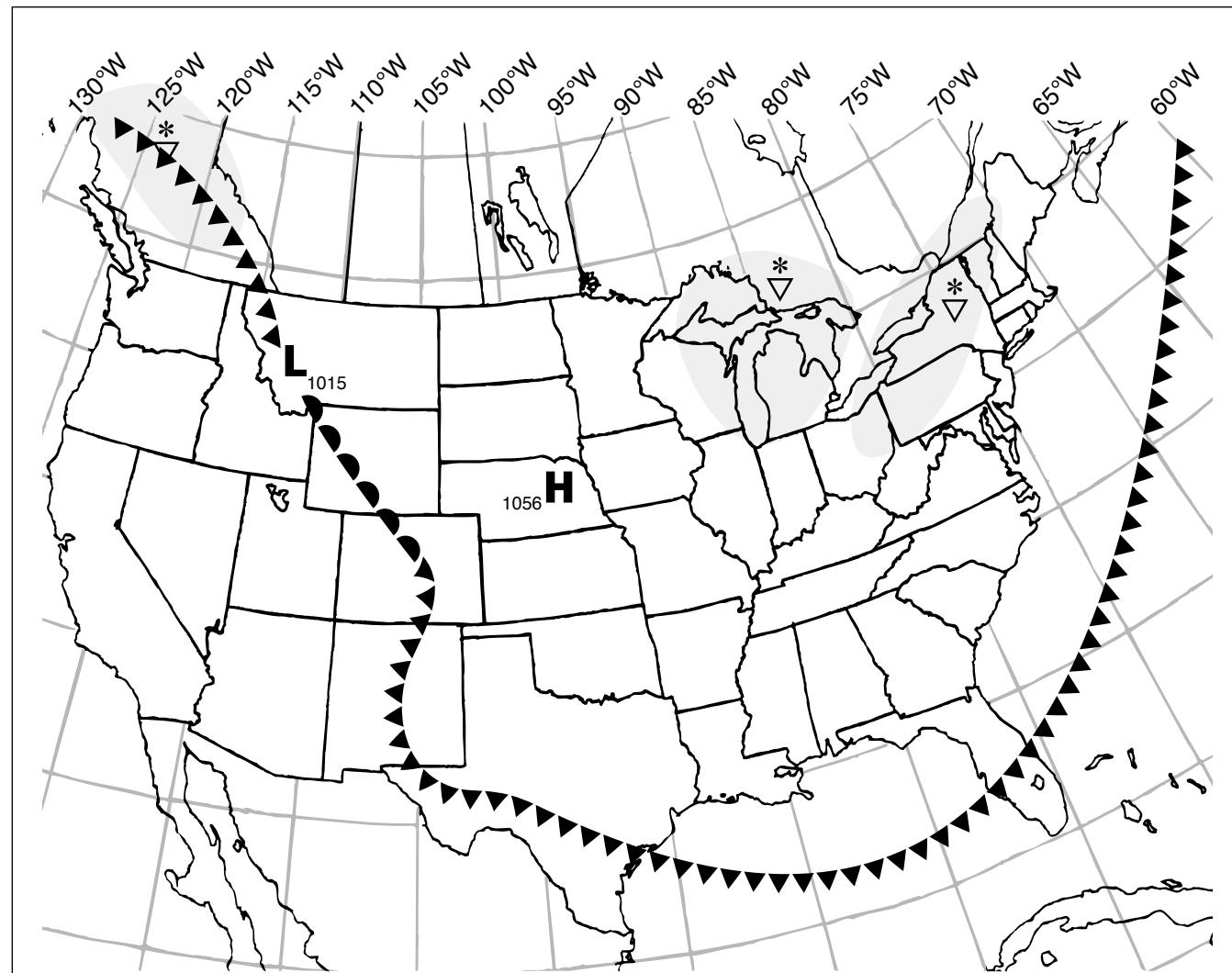
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Situation for Noon Eastern Time, Wednesday, January 7, 2015

Weather Systems		Weather Fronts		Precipitation Symbols		Other Symbols	
				Snow	Rain		
H	High Pressure		- - - Trough				Fog
L	Low Pressure		W - - Warm Front				Thunderstorm
§	Hurricane		▲▲▲▲ Cold Front				Haze
			▲▲▲ ▾ Stationary Front				Compiled by MIT Meteorology Staff and <i>The Tech</i>
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WEATHER

Dangerous cold expected tonight

By Vince Agard

STAFF METEOROLOGIST

The new year is off to a frigid start at the Institute, with temperatures well below normal and forecast to remain so for the next several days. The current cold snap began two days ago, when a cold front caused temperatures to plummet from 52°F (11°C) to 15°F (-9°C) in a span of just over 30 hours. After a light snow yesterday, temperatures will continue to plummet today as strong northwesterly winds import bitterly cold Arctic air to New England. With temperatures falling below 0°F overnight tonight, and winds gusting to over 30 mph (48 kph), the National Weather Service has issued a Wind Chill Ad-

visory for all of eastern Massachusetts from 5 PM tonight until 10 AM tomorrow morning. The advisory notes that "dangerously cold" wind chill values as low as -24°F are possible during that time. Interestingly, wind chill values are calculated according to an empirical formula based on a heat transfer model of a human face. Those headed outdoors are advised to dress in layers and wear a hat and gloves to prevent frostbite and hypothermia.

By tomorrow night, winds will shift to be out of the southwest, thus halting the influx of bitterly cold Arctic air in favor of slightly warmer air from over the continental United States. This change in pattern will help temperatures to return to near-normal values for the start of next week.

Extended Forecast

Today: A slight chance of snow, high 26°F (-3°C). Winds NW at 10-15 mph, gusting to 30 mph.

Tonight: Partly cloudy, low -1°F (-18°C). Winds NW at 15-20 mph, gusting to 30 mph.

Tomorrow: Mostly sunny, high 19°F (-7°C). Winds W at 10-15 mph, gusting to 30 mph.

Friday: Chance of snow showers, highs near 30°F (-1°C).

Saturday: Mostly sunny, highs in the upper 20s °F (-2°C).

CORRECTIONS

An opinion piece in the Tuesday, Dec. 9 issue of *The Tech* originally carried the following headline: "Newspapers should be more cautious when reporting accusations of cheating." The headline was altered to "Campus newspapers should be cautious when reporting accusations of cheating" to more accurately reflect the author's views.

OPINION POLICY

Editorials are the official opinion of *The Tech*. They are written by the Editorial Board, which consists of Chairman Annia Pan, Editor in Chief Austin Hess, Managing Editor Judy Hsiang, and Opinion Editor Jacob London.

Dissents are the signed opinions of editorial board members choosing to publish their disagreement with the editorial.

Letters to the editor, columns, and editorial cartoons are written by individuals and represent the opinion of the author, not necessarily that of the newspaper. Electronic submissions are encouraged and should be sent to letters@tech.mit.edu. Hard copy submissions should be addressed to *The Tech*, P.O. Box 397029, Cambridge, Mass. 02139-7029, or sent by interdepartmental mail to Room W20-483. All submissions are due by 4:30 p.m. two days before the date of publication.

Letters, columns, and cartoons must bear the authors' signatures, addresses, and phone numbers. Unsigned letters will not be accepted. *The Tech* reserves the right to edit or condense letters; shorter letters will be given higher priority.

Once submitted, all letters become property of *The Tech*, and will not be returned. Letters, columns, and cartoons may also be posted on *The Tech*'s Web site and/or printed or published in any other format or medium now known or later that becomes known. *The Tech* makes no commitment to publish all the letters received.

Guest columns are opinion articles submitted by members of the MIT or local community.

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In the Tsarnaev courthouse

A day in the life of a student courtroom reporter: first tweet, appearance on BuzzFeed, autographs

Notebook, from Page 1

sachusetts, inviting us to a media informational meeting in preparation for the trial. I was floored.

Doubtful that we'd receive a seat next to big names like *The New York Times* and *ABC News*, however, we almost didn't RSVP. But we decided to give it a shot, classes be damned.

There, we learned that we needed to apply for media passes if we wanted to bring our electronics into the courthouse. I laughed nervously when I saw that the form asked for some of my most recent reporting assignments — err, dorm changes? Math contest winners? New lab being built? Suddenly my articles didn't seem so interesting anymore.

After having our self-esteem thoroughly beaten down by the forms, we turned them in at the court clerk's office only to be told that we needed a cover letter to accompany them. The cover letter was supposed to be from a news director verifying that all of the applicants were actually staff members. Hmm.

I wasn't too keen on making another trip just to turn in a typed cover letter, so I whipped out a sheet of paper and started hastily crafting a handwritten cover letter. Maybe they'd think that we handwrote the letter to make it more personal, rather than because we were out of options.

As much as our media pass applications screamed "novice," they somehow got approved and we received the passes the next week. Even if we didn't get a courtroom seat, I comforted myself with the thought that at least I had a spiffy (albeit cheaply made) card to show my grandkid.

We heard from Hurley again the first day of our finals week after we formally applied for a seat.

"Only limited seating is available in the courtroom, and it is simply impossible to accommodate everyone who is interested in observing the proceedings there," Hurley's email began. I braced myself for a rejection.

"For the purposes of seating arrangements, we have deemed The MIT Tech and The Suffolk Voice affiliated organizations to provide both groups with a seat in courtroom #9."

I couldn't believe it. If ever there was imposter syndrome, this was it. *MIT doesn't even offer a journalism major!* I thought to myself.

Like all good things, though, it came with a catch.

"As you can imagine, we have a waiting list for these full time seats," Hurley's email continued. "A court security officer and/or a member of the court staff will be at the courtroom door each day to check in the members of the press. If we find that your seat is unused for a period of time (to be determined), we will need to reassign that seat to another news outlet on our waiting list."

So both of our papers were going to have to fill the seat 9 a.m.

to 4 p.m. four days a week for a couple of months or risk losing our seat? Sounded like a logistical nightmare — this brought extracurricular commitment to a whole new level. We decided to play it by ear and form a team within our department to rotate staff through the seat. We would give it our best, and, well, if worse came to worst, we would lose our seat.

And that is how, on the first day of one of the biggest US court cases of the century thus far, a small group of us ventured our way down to the John J. Moakley Courthouse near the Boston Harbor. Over winter break, we had pored over everything related to the trial, from other news media coverage to court lingo and journalism guides. We even created Twitter accounts the day before so that we could tweet live updates during the trial. That morning, three other *Tech* reporters — Drew Bent, Ray Wang, and William Navarre — and I woke up bright and early and headed out.

On the first day of jury selections, Tsarnaev kept a short beard and wore khakis and a dark sweater.

We met up at the Kendall T stop around 7 a.m., ate a quick breakfast at South Station, and walked over. The first clue of the media frenzy we were about to dive into presented itself to us a street away from the courthouse, where we saw several media vans parked. Outside the courthouse, an army of video cameras were trained at a lone mic in front of the entrance.

Surprisingly, only a single protester had shown up. With our media badges, going through security was thankfully simple. One person from our team sat in the allotted media space and the rest of us filed into an "overflow courtroom" to which that morning's jury selection would be broadcast live. (Or the half hour that was open to the media, anyway.)

Many of the reporters arrived earlier than we had and were already in the overflow room, so we hurriedly took seats. Two large TV screens were set up in the room to stream Judge George O'Toole's opening remarks.

A few minutes later, one of my ABC News heroes, Chief Investigative Correspondent Brian Ross, walked in. My jaw dropped. I grew up watching ABC World News, and knew all of the regular anchors. I Googled him to make sure he was who I thought he was, and then proceeded to (not so surreptitiously) shoot him glances for the next half hour in case he disappeared at any moment.

I resolved to approach him after O'Toole finished his remarks so that I could ask for his autograph — *carpe diem*, after all.

There were a few technical dif-

iculties, but the screens eventually connected to the cameramen in the jury assembly hall. We had a good view of the front of the hall, where the prosecution team, the judge, and the defense team would sit.

I posted my very first tweet as we waited for the judge — "Jury selection for the US vs. Tsarnaev trial beginning late this morning #Tsarnaev." (I also learned my first lesson on the site — no editing tweets, no matter how mortifying the typo.)

The wait was well worth it, though, as Tsarnaev himself walked into view soon afterwards. Some murmurs of surprise went around the journalists in the room.

He kept a short beard, and wore khakis and a dark sweater. It was a bit surreal to see him there and realize that there would never be a photograph of what we were seeing — only courtroom sketches. In some ways, I suspect a ban on all photography and video recording made me appreciate the scene even more. He fidgeted quite a bit, especially when compared to his lawyers who sat almost completely still.

O'Toole proceeded to go through some history of the jury selection, invoking the American spirit and recalling the tyranny of King George III. He encouraged the potential jurors to do their service well if chosen, and then read aloud instructions for filling out a questionnaire that would whittle down the pool. At the end, he introduced the federal prosecution team and Tsarnaev's defense team. Each person stood up, although Tsarnaev seemed hesitant at first to do so. Afterward, the screen went to black as the media window came to an end.

That was my cue to muster up the nerve to approach Ross. I took out a sheet of paper and pen, and tentatively approached. He was exceedingly gracious. His autograph: "To Kath, welcome to the world of journalism! Brian Ross." (Of course, I scanned it in for posterity as soon as I got back to my dorm and sent it to my parents, who also watched ABC News with me when I was growing up.)

When we left the courtroom, a few reporters approached us when word got out that we were from MIT. Before we knew it, we were swarmed. While they were all quite nice, let's just say it was extremely odd to be on the receiving end of an interview for once. And that is how I ended up on BuzzFeed later that afternoon. Life goal of an almost twenty-something? Accomplished.

On the T ride back, I reflected on what I had said during some of the interviews. Why were we, a ragtag group of students, committing to cover this trial first-hand? Sure, it was the chance to cover a solemn and significant trial. But it was more than that as well — it was the chance to give back to the MIT community, and to serve a public still remembering those who were taken too soon.

MIT says yes to 625 during early action

Most applicants must wait until regular season to learn decision

Admissions, from Page 1

optional art, music, and maker supplements.

In an email to *The Tech*, Dean of Admissions Stuart Schmill '86 said he expects the number of freshmen admitted annually to remain relatively stable in the future, keeping total undergraduate enrollment at approximately 4,500.

Of the early action applicants, 111 were not considered because they failed to submit a complete application or withdrew from the process altogether.

The 625 admits to the Class of 2019 will have until the spring to accept their offer of admission, after they join the regular admits in this year's anticipated Campus Preview Weekend.

Find your place at The Tech

NEWS

OPINION

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SPORTS

CAMPUS LIFE

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Solution to Crossword

from page 6

AGED	HAMS	PANAM
CARE	ATOP	EMITS
EVIL	ROPE	DIGIT
SEE IN A NEW LIGHT	USED	EGO
ALIENS	JAR	FAA
LOLL	THESE	EBB
LOOK THE OTHER WAY	ESS	RUNGS
YET END SPIRES	INC	NAPE
WATCH LIKE A HAWK	MARSH	ACRE
MARSH	ACRE	IRON
CRIME	SHOD	TILE
CEDES	HENS	SAFE

Solution to Sudoku I

from page 6

7	6	4	9	2	8	5	1	3
3	5	8	4	1	6	2	9	7
9	1	2	3	5	7	8	4	6
6	7	1	2	8	9	4	3	5
2	3	5	6	4	1	9	7	8
8	4	9	5	7	3	1	6	2
5	9	7	1	3	2	6	8	4
1	2	3	8	6	4	7	5	9
4	8	6	7	9	5	3	2	1

Solution to Sudoku II

from page 6

2	7	5	1	6	9	4	8	3
8	9	6	2	3	4	1	5	7
1	3	4	5	7	8	2	6	9
7	6	8	4	9	3	5	2	1
3	4	1	8	2	5	9	7	6
5	2	9	6	1	7	3	4	8
6	5	3	9	8	2	7	1	4
4	1	7	3	5	6	8	9	2
9	8	2	7	4	1	6	3	5

Solution to Techdoku I

from page 6

1	4	5	6	2	3
6	3	4	5	1	2
2	5	6	1	3	4
3	6	1	2	4	5
5	2	3	4	6	1
4	1	2	3	5	6

Solution to Techdoku II

from page 6

3	6	2	1	5	4
5	2	4	3	1	6
6	3	5	4	2	1
2	5	1	6	4	3
4	1	3	2	6	5
1	4	6	5	3	2



ALEXANDER C. BOST—THE TECH
Minerva H. Zhou '16 jumps during the BTS Medley in *Rebirth*, held by the MIT Asian Dance Team on Thursday, Dec. 11 in Kresge Little Theatre.



ALEXANDER C. BOST—THE TECH
Jacqueline Shen '18 leads a performance titled "Resurrection."

MIT Asian Dance Team presents **REBIRTH**



ALEXANDER C. BOST—THE TECH
Alina Y. Rwei G poses in the "Leap of the String" during a rehearsal for the show.



ALEXANDER C. BOST—THE TECH
Lisa L. Ruan '18 performs "Voice from Within" during the evening show.

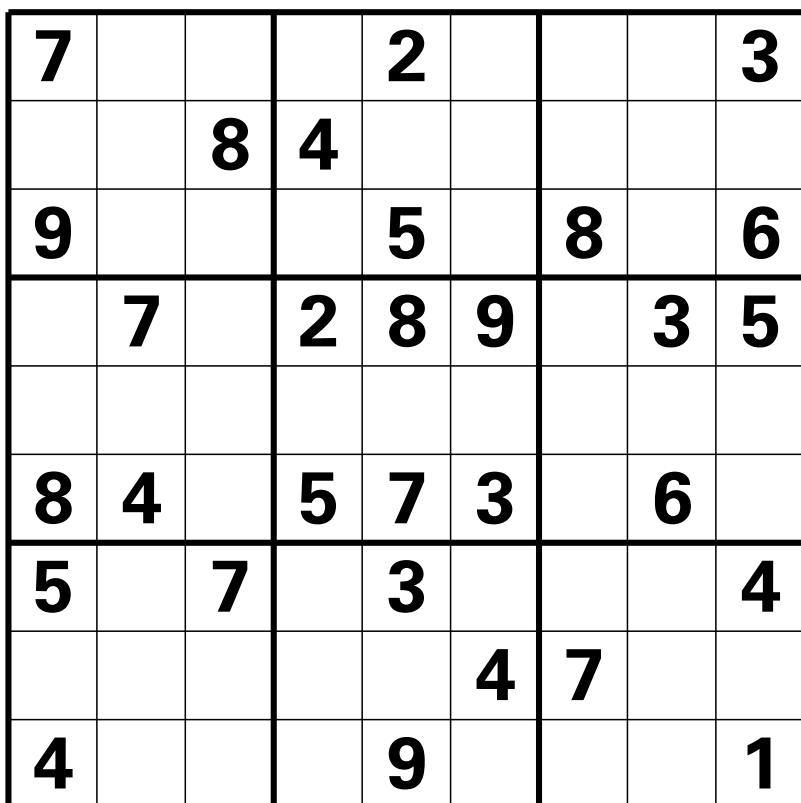


Sally Lin '15 leads a performance of "Stop Girl" by South Korean pop group U-KISS.

FUN FUN FUN FUN FUN FUN FUN FUN FUN

Sudoku I

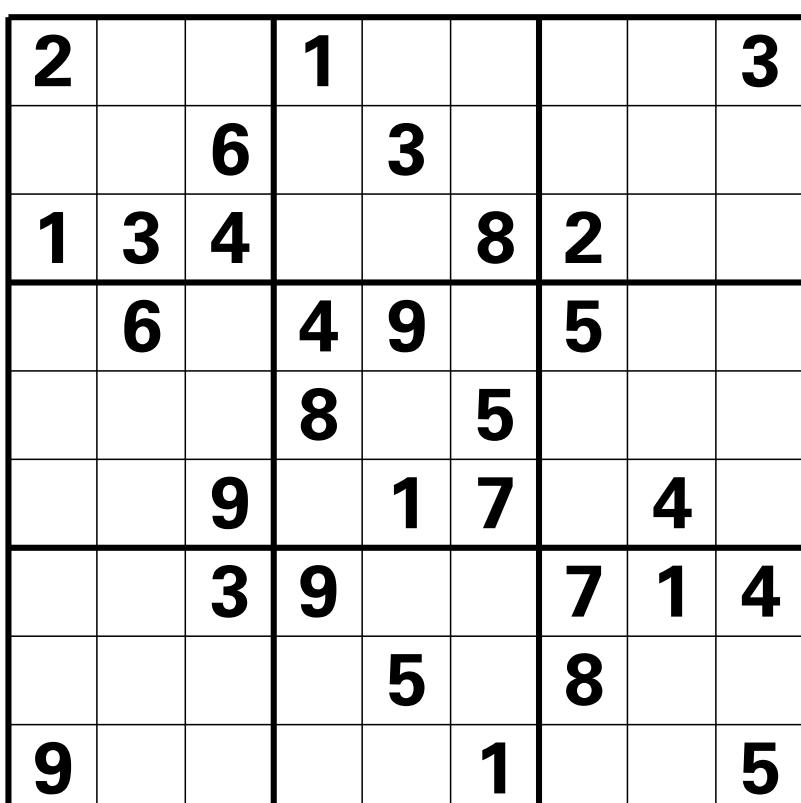
Solution, page 3



Instructions: Fill in the grid so that each column, row, and 3 by 3 grid contains exactly one of each of the digits 1 through 9.

Sudoku II

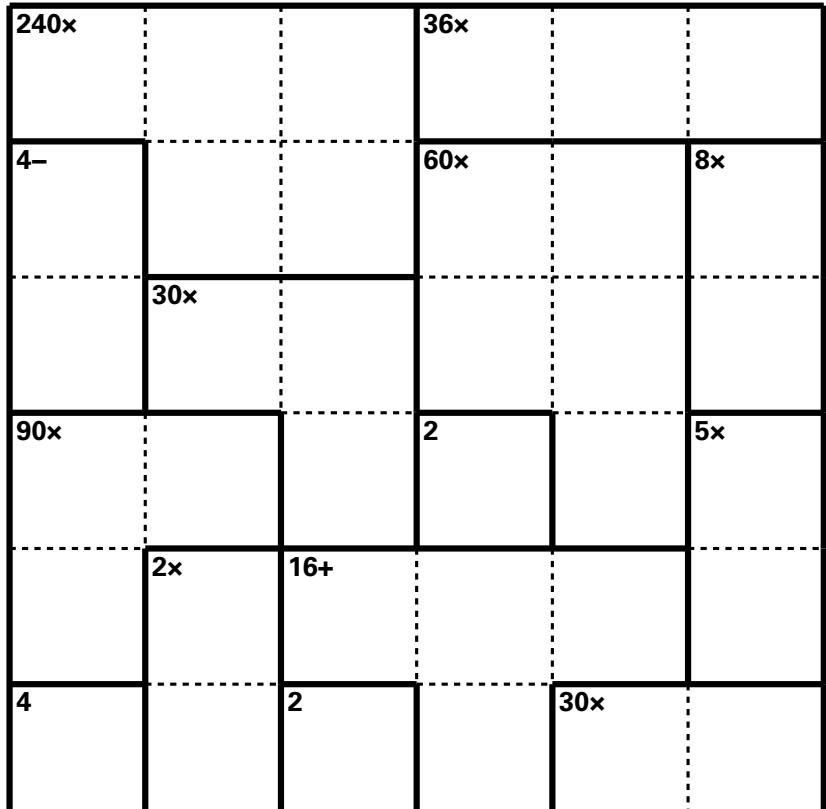
Solution, page 3



Instructions: Fill in the grid so that each column, row, and 3 by 3 grid contains exactly one of each of the digits 1 through 9.

Techdoku I

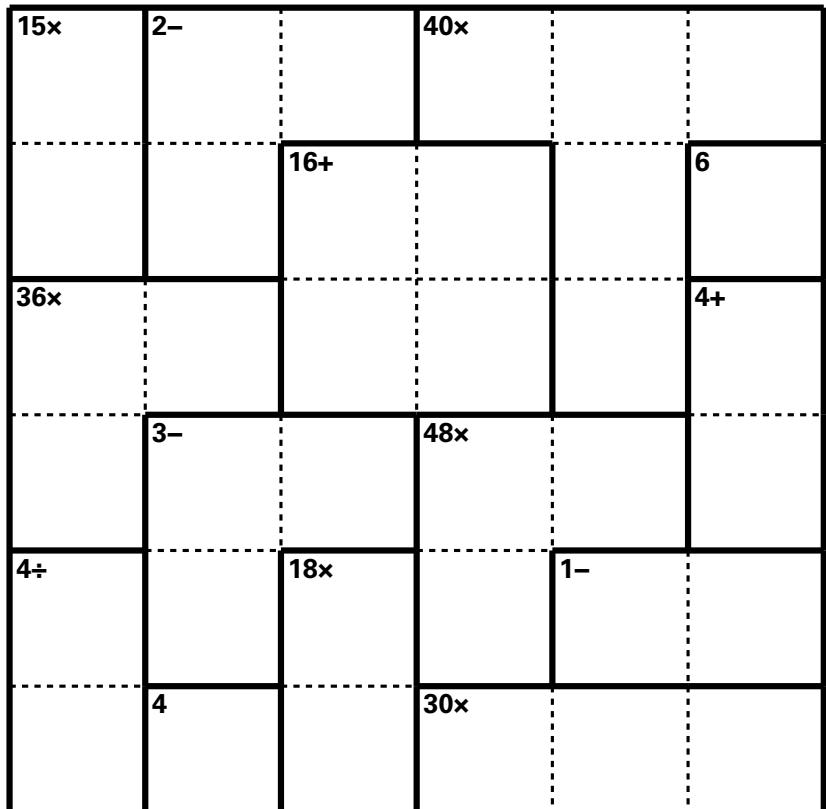
Solution, page 3



Instructions: Fill in the grid so that each column and row contains exactly one of each of the numbers 1–6. Follow the mathematical operations for each box.

Techdoku II

Solution, page 3



Instructions: Fill in the grid so that each column and row contains exactly one of each of the numbers 1–6. Follow the mathematical operations for each box.

Observations by Billie Truitt

Solution, page 3

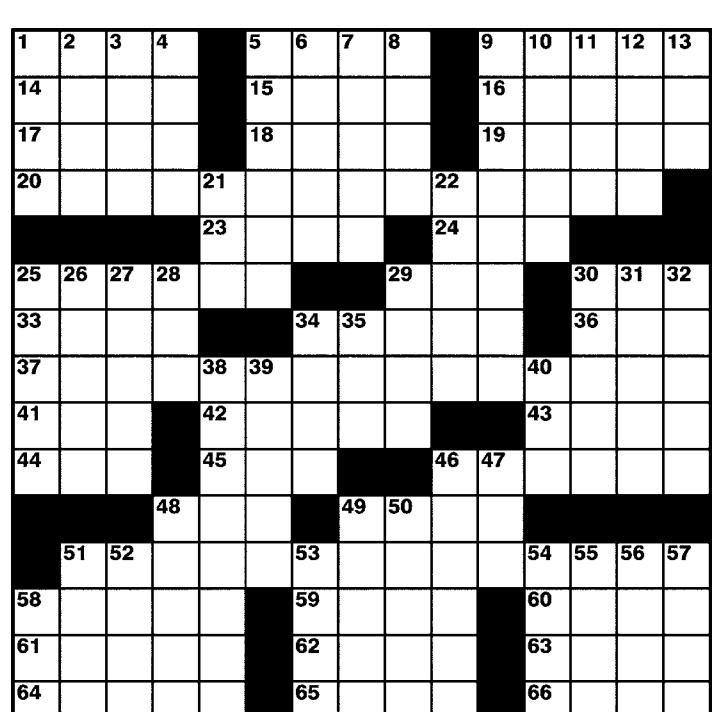
ACROSS

- 1 Matured
- 5 Actors who overdo it
- 9 Former international airline, for short
- 14 Give a darn
- 15 On the summit of
- 16 Gives off
- 17 Diabolical
- 18 Tug-of-war cord
- 19 Numeral
- 20 View differently
- 23 Preowned
- 24 Self-image
- 25 Flying-saucer crew
- 29 Cookie container
- 30 Air safety org.
- 33 Lounge around
- 34 The ones here
- 36 Recede gradually
- 37 Ignore wrongdoing
- 41 Letter before tee
- 42 Steps on a ladder
- 43 Wagers
- 44 So far
- 45 Call a halt to

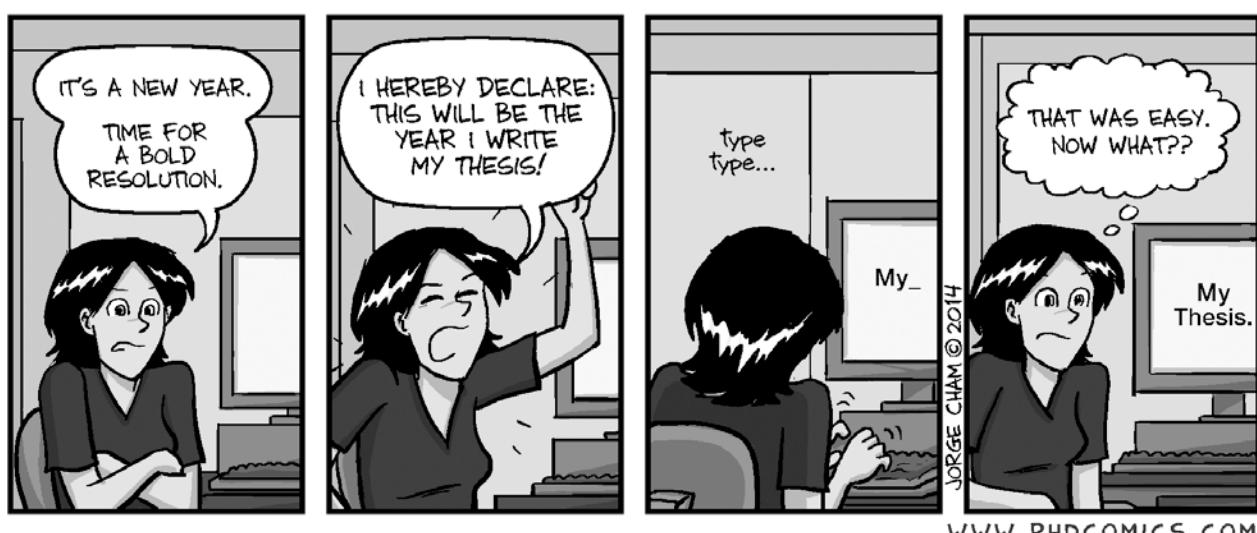
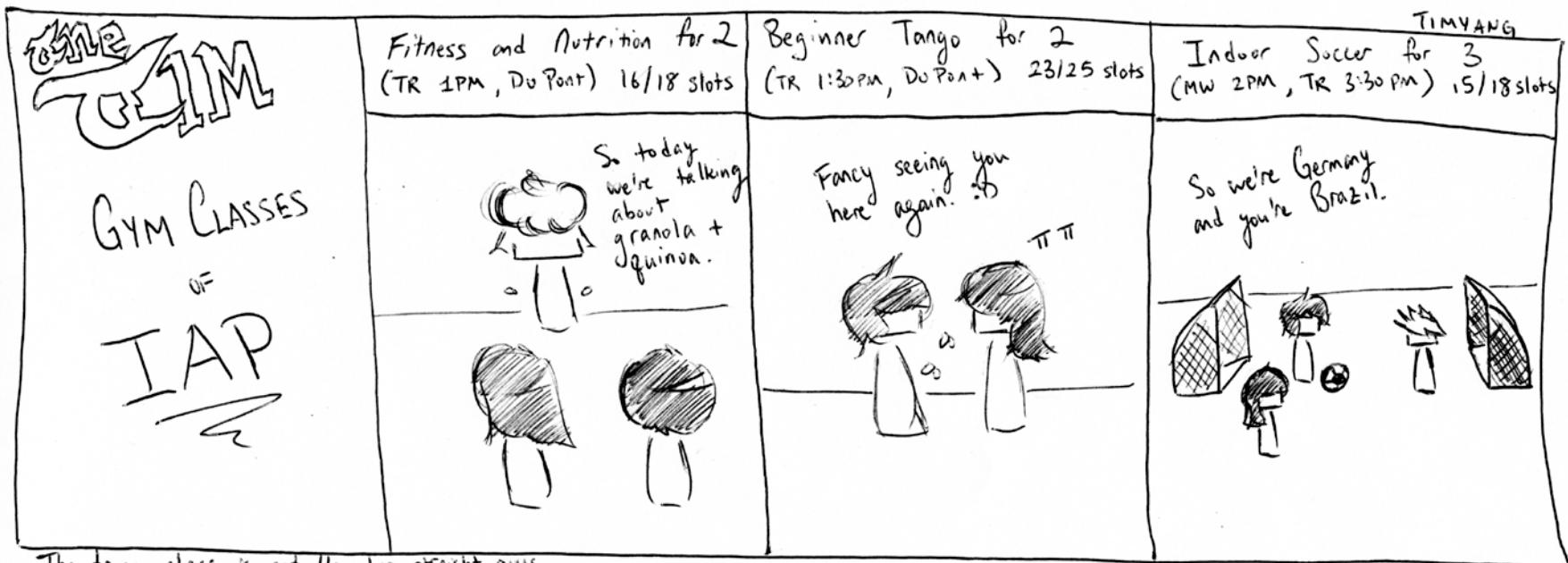
- 46 Church towers
- 48 End of many big co. names
- 49 Back of the neck
- 51 Guard attentively
- 58 Wetland
- 59 Land measure
- 60 Get the creases out of
- 61 Illegal activity
- 62 Not barefoot
- 63 Flooring square
- 64 Yields, as territory
- 65 Group in a coop
- 66 Out of harm's way

DOWN

- 1 High cards in poker
- 2 Donated
- 3 One of the Great Lakes
- 4 Sandwich shop
- 5 Bother repeatedly
- 6 Make amends
- 7 Sulked
- 8 Gush forth
- 9 Dog's family tree
- 10 Friend, in Spanish
- 11 Close by, in poems
- 12 Keep __ (persist)
- 13 Denver clock setting: Abbr.
- 21 Convent resident
- 22 Dog's restraint
- 25 Back street
- 26 Running free
- 27 Admission of defeat
- 28 Antlered animal
- 29 Fast planes
- 30 Not as many
- 31 Taper off
- 32 Bottomless pit
- 34 Take care of
- 35 Refuse to share
- 38 Battlefield ditches
- 39 Gut feeling
- 40 Batter's stat, for short
- 46 Drives too fast
- 47 Split __ soup response
- 48 "Who's there?"
- 49 Cozy corner
- 50 Ohio tire city
- 51 Suffix for hard meaning



- "merchandise"
- 52 Dry as a desert
- 53 Eyelid hair
- 54 Chart-topping songs
- 55 Opera solo
- 56 Three Little Pigs' foe
- 57 Joint above the shin
- 58 1200, in Roman numerals



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```
from new_skills import *
def learnMarketableJobSkills():
    return linux, OSX, javascript, applescript, perl, python, PHP
if self.interest == True:
    print "E-mail join@tech.mit.edu"
```

-----:----F1 joinTechno.py

(Python)--L1--Top-----

FUNFUNFUNFUNFUNFUNFUNFUNFUNFUNFUNFUNFUNFUN

Potential jurors in bombing case are questioned

Defense and prosecution to participate in jury selection for trial of Dzhokhar Tsarnaev

Tsarnaev, from Page 1

Even after O'Toole denied the motions, the defense's requests kept coming, until as late as last Wednesday when they were presented to the U.S. Court of Appeals for the First Circuit for reconsideration. The higher appellate court, however, said that it would not intervene.

"The court has confidence that a sufficient number of qualified, impartial jurors will be identified and ultimately sworn as jurors," wrote O'Toole in a ruling, according to *The Boston Globe*.

With the appellate court's go-ahead, the jury selection process began Monday in the first two of six sessions, as potential jurors heard remarks from O'Toole before completing questionnaires. O'Toole began with an overview of the history and significance of trial by jury before briefly mentioning the charges against Tsarnaev.

O'Toole noted that this case

differs from many other criminal cases since the prosecution is pursuing the death penalty. If Tsarnaev is convicted, it will be the jury's responsibility to decide whether Tsarnaev will receive capital punishment or life in prison. Ordinarily, the sentence in a criminal case is determined by the judge.

"I think that this case is really about the death penalty," said Daniel Medwed, a law professor at Northeastern University. "It appears there's overwhelming evidence that Tsarnaev committed his crimes, so the entire case will boil down to whether or not the jury will spare him his life."

O'Toole warned the prospective jurors not to communicate with anyone about the case, including family and friends, until they have been excused.

"There has been a great deal of publicity of the case, and there will continue to be," said O'Toole. Although he said that jurors' contact with past media coverage does not

necessarily exclude them from the jury, he ordered them to no longer read, watch, or listen to any reports of the case in the media. They are also forbidden from doing online research on the case.

Tsarnaev was seated in the assembly hall during all the sessions, joined by his attorneys David Bruck, Miriam Conrad, William Fick, Timothy Watkins, and Judy Clarke, who were introduced by O'Toole. Clarke has a successful record of keeping high-profile defendants, such as the Unabomber Ted Kaczynski and Tucson gunman Jared Loughner, off death row.

The federal prosecutors Aloke Chakravarty, Nadine Pellegrini, and William Weinreb also rose upon being introduced. Attorney Steven Mellin, also representing the U.S., however, was not present.

Tsarnaev appeared at each session in business casual, often touching his face and fixing his collar as O'Toole addressed the potential jurors. On Tuesday, he

appeared slightly restless and was seen repeatedly fidgeting.

After the jury questionnaires have been completed, attorneys will review the responses and recall a portion of the pool to continue with the second round of individual questioning, which will begin next week. Twelve jurors and six alternates will be chosen to serve for the duration of the trial.

Possible grounds for exclusion from the jury include personal connections to any victims of the bombing or any witnesses in the trial. The jury candidates were given a list of witnesses slated to appear and asked to identify anyone they knew.

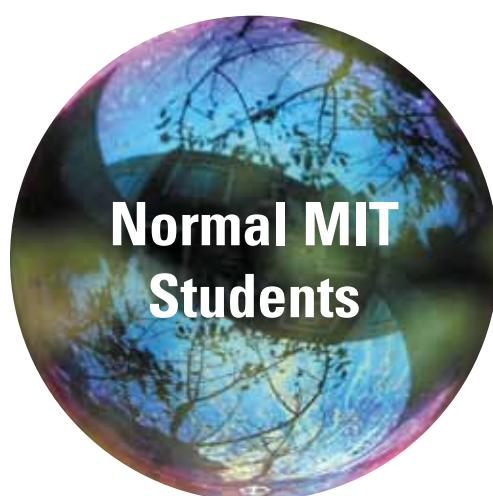
The defense and prosecution each have 20 peremptory challenges that they can use to strike out a potential juror without giving reason. A motion by the defendant to allow him 10 additional peremptory challenges, as a remedy for extensive pretrial publicity, was denied by the judge last month. However,

both sides will have an unlimited number of challenges for cause, in which they may prove to the judge that a candidate cannot be fair or impartial.

Many people were affected by the unprecedented lockdown of Boston and surrounding areas after the bombings. Residents in the area were ordered to shelter in place, and all public transit services, in addition to many schools and businesses, were closed. The extent of the effects on the community means that many of the prospective jurors have likely been directly or indirectly affected by the bombing and its aftermath.

It is not yet clear how long the jury selection process will take. Medwed, the law professor, told *The Tech* in an interview that "many people may be dismissed because of their connection to the tragedy, and so it could take weeks — maybe up to a month or more — to choose 12 jurors and six alternates that are acceptable to both sides."

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```
import new_skills
```

```
def learnMarketableJobSkills():
    return linux, OSX, javascript, applescript, perl, python
```

```
if you.interest == True:
    print "E-mail join@tech.mit.edu"
```

----:----F1 joinTechno.py

(Python)--L1--Top-----